

### **Distinguished Student Awards**

Paul Asare Agyapong, NEN-3, UGS, Technical

Ty Brooks, C-IIAC, UGS, Technical

Amy Jordan, EES-16, GRA, Technical

Heather Hughes, IRM-CAS, GRA, Administrative

Alison Tamasi, C-NR, GRA, Technical

Andrea Vargas, ITPMO, GRA, Administrative

Naomi Wasserman, EES-14, UGS, Technical

### **Distinguished Mentor Awards**

Joysree Aubrey, IAT-DO

Alina Deshpande, DSA-3

Andrew Nelson, MST-7

Robert Robey, XCP-2

## **Information Technology**

Cody Jackson, "Evaluating Cyber Security Policies Through Metrics"

Savina Dimitrova, "Probabilistic Risk Assessment and Design Optimization Using SAPHIRE"

Josh Garcia, "Wireless Networks"

Austin Orr, "ESD QC Testing Process"

Spencer Snow, "Linux Unified Key Setup (LUKS)"

## **Bioscience**

### Posters:

1<sup>st</sup> Place: Anais Weibel, "In Vitro Evolution of Influenza a Virus Under Artificial Selective Pressure"

2<sup>nd</sup> Place: Juliette Ohan, "Interrogation of Interspecies Relationships in Algal Production Cultures"

### Technical Talks:

1<sup>st</sup> Place: Hailey Cambra, "Metabolic Engineering of Photosynthetic Bacteria for Biofuel Production"

2<sup>nd</sup> Place: Timothy Sanchez, "Omic Analysis for Toxicology"

Honorable Mention: Steven Liaw, "Develop Multiple Applications using Ultra-High Throughput Droplet-Based Microfluid"

## **X Division**

### Posters:

Bridget Bohlin & Raquel Pacheco, "Sensitivity to Initial Conditions in Inertial Confinement Fusion Capsules"

Matthew Kinsey & Verinder Rana, "Particle Methods for Future Architectures"

### Talks:

Raymond Hendon, "Conduction Invariance in Exact Solutions for Compressible Flow Code Verification"

Jeremy Melvin, "Evaluation of Rayleigh-Taylor Growth After an Initial Richtmyer-Meshkov Instability"

## **CCS**

### Excellence in Participation:

Co-Design Summer School 2014:

Robert Bird, Erin Carrier, Kenneth Czuprynski, Andre Grosset, Robert Pavel, Andrew Reisner.

George Fleming & Edgar Ronquillo, “A Low-Cost Technique for Power Measurement of Computer Components”

Meghan McDonald, “Categorization of Social Media Videos Using Deep-Learning Algorithm”

Arley Schenker, “Computer Vision Algorithms for Labeling Social Media Video”

Janelle Roybal, “Technical Support for Irrigation Water Loss Effect on Agriculture”

### Computing and Information Technology Student Mini Showcase Honors:

Suresh Subramanian, “The Effect of Seasonality in a Network-Patch Model for Mosquito Borne Disease”

Adiv Paradise, “Development and Optimization of a Fast Poisson Solver using a Red-Black Multigrid Approach in 2-D”

Catherine Fielder, “Supernovae from Envelope Stripped Stars”

## **EES**

### Outstanding Graduate Student Technical Presentation

Joseph Bakarji, “A Social Dynamics Dependent Water Supply Well Contamination Model”

### Outstanding Undergraduate Student Technical Presentation

Jeremy Harrod, “Discrete Fracture Network Workflow Verification”

### Outstanding High School Co-op Student Technical Presentation

Cameron Tauxe, “Introducing jFEHM: A New, Easier Way to Create FEHM Simulations”

## **ADESH:**

### Outstanding Technical Presentation

Devon Booker, “Testing, Introduction, and Redesign of Glovebox Airlock Sliding Trays”

Whitney Land, “Designing an Ergonomically Sound Glovebox Glove”